



CITY OF HAYWARD

AGENDA REPORT

AGENDA DATE 02/05/02

AGENDA ITEM 3

WORK SESSION ITEM _____

TO: Mayor and City Council

FROM: Director of Public Works

SUBJECT: Industrial Parkway/Whipple Road Corridor Project: Approval of Addendum and Award of Contract

RECOMMENDATION:

It is recommended that the City Council approve the attached resolution that approves Addendum No. 1 and awards the contract to St. Francis Electric, of Hayward, California, in the amount of \$899,685.50.

BACKGROUND:

This project (1) installs new traffic signals along Whipple Road at the intersections of Wiegman Road and Amaral Street; (2) interconnects these new signals with the existing signals located along Whipple Road between Interstate 880 and Central Avenue; (3) interconnects the existing signals on Industrial Parkway West between Stratford Street and Huntwood Avenue; and (4) improves turning radii for trucks at the Whipple Road/I-880 northbound off-ramp and at the northeast corner of Huntwood Avenue/Whipple Road.

Due to varied State and Federal requirements, the work was separated into three segments. The traffic signal modifications and geometric improvements at the Whipple Road/I-880 northbound off-ramp were designated as Schedule A. The traffic signal modifications and geometric improvements at Whipple Road and Huntwood Avenue were designated as Schedule B. All of the other work, consisting of new traffic signal installation, traffic signal modifications, and signal interconnect installation was designated as Schedule C. The basis for award is the total of Schedules A, B, and C.

On November 13, 2001, the City Council approved plans and specifications for the subject project and called for bids. On January 15, 2002, five bids were received. The bids ranged from \$899,685.50 to \$1,353,500.00. St. Francis Electric, of Hayward, submitted the low bid in the amount of \$899,685.50, which is 28 percent below the Engineer's Estimate of \$1,260,000. Richard A. Heaps Electrical Contractor, Inc., of Sacramento, submitted the second low bid in the amount of \$904,360.25, which is \$4,674.75 or 0.5 percent above the low bidder. These bids reflect significantly lower unit costs per linear foot for the signal interconnect (SIC) than what had been received on other recent City projects. Because the project includes almost 12,000 linear feet of SIC, the overall saving is substantial.

The single Disadvantaged Business Enterprise (DBE) goal of 11 percent established for this federally funded project includes both Minority Business Enterprise (MBE) and Women Business Enterprise (WBE) participation. The low bid from St. Francis Electric includes 16.5 percent DBE participation.

Staff recommends that the City Council award the contract to St. Francis Electric and approve Addendum No. 1, which provides revised Federal Wage Rates.

PROJECT COST:

The estimated costs of the total project are as follows:

Design and Administration	\$165,000
Right-of-Way Acquisition & Engineering	29,000
City Furnished Materials	60,000
Construction Cost	899,686
Inspection and Survey	80,000
Total	<u>\$1,233,686</u>

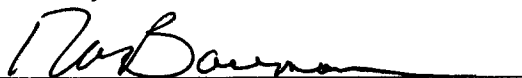
FUNDING:

The approved 2001-02 Capital Improvement Program budget includes \$1,680,000 in the Street System Improvement Fund for this project. The City will be reimbursed 100 percent of the project costs from Federal Congestion Mitigation and Air Quality (CMAQ) and State Surface Transportation Program (STP) funds.

SCHEDULE:

Award Contract	February 5, 2002
Begin Construction	March 1, 2002
Complete Construction	November 5, 2002

Prepared by:



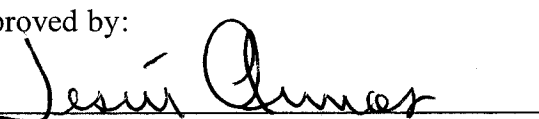
Robert A. Bauman, Deputy Director of Public Works

Recommended by:



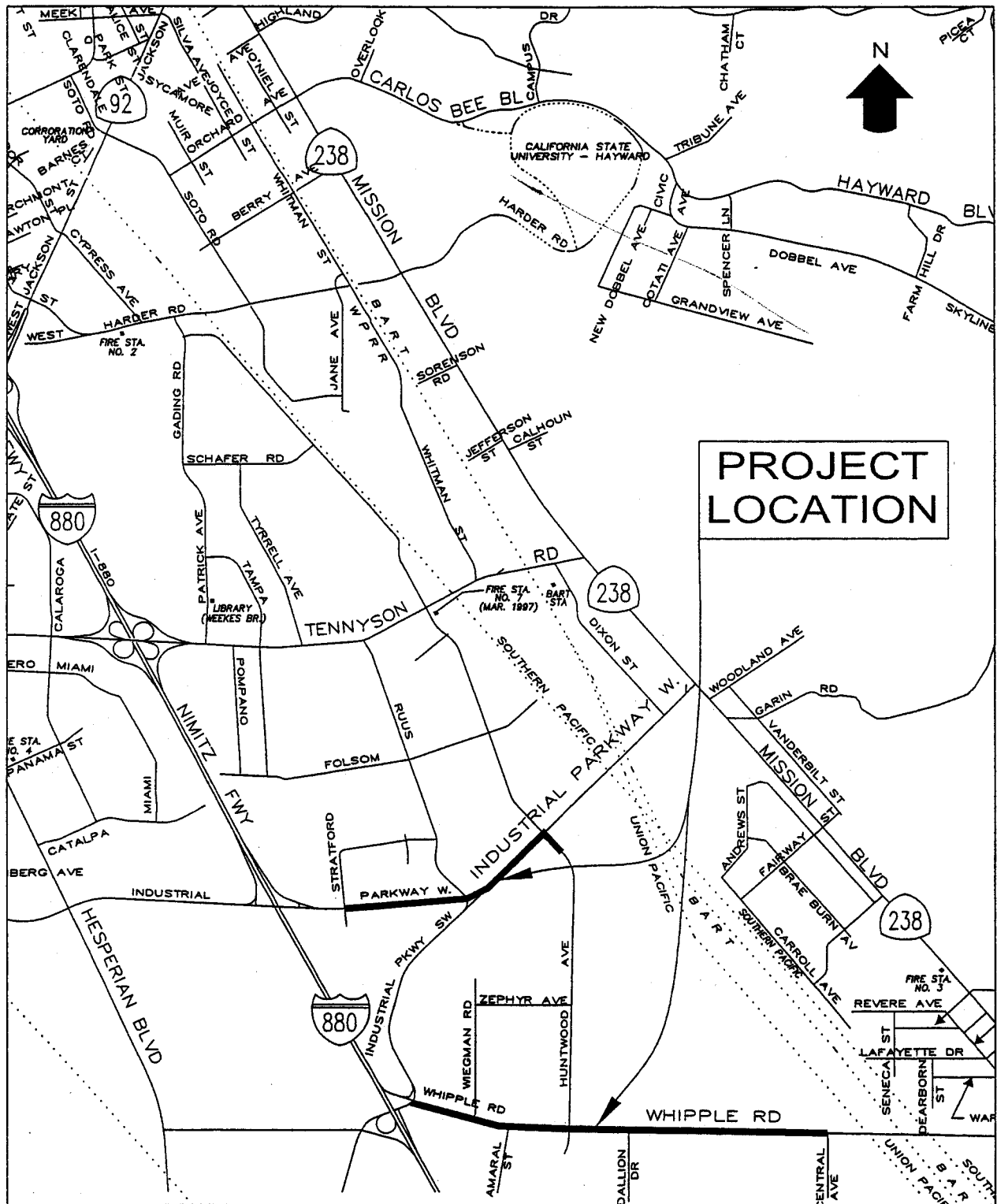
Dennis L. Butler, Director of Public Works

Approved by:



Jesús Armas, City Manager

Exhibits: Exhibit A: Location Map
 Exhibit B: Summary of Bids



LOCATION MAP

INDUSTRIAL PKWY./WHIPPLE RD. CORRIDOR PROJECT

Project No. 5192

Exhibit A

CITY OF HAYWARD
INDUSTRIAL PARKWAY-WHIPPLE ROAD CORRIDOR PROJECT
PROJECT NO. 5192
BIDS OPENED: JANUARY 15, 2002

(NUMBER OF BIDS RECEIVED - 5)

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Exhibit B

BID SUMMARY				ENGINEER'S ESTIMATE		ST. FRANCIS ELECTRIC 23294 CONNECTICUT ST HAYWARD CA 94545 (510) 887-2888 PHONE (510) 887-4109 FAX		RICHARD A. HEAPS ELECT. 8909 FLORIN ROAD SACRAMENTO CA 95829 (916) 386-8857 PHONE (916) 386-1354 FAX		MIKE BROWN ELECTRIC CO. 561-A MERCANTILE DRIVE COTATI CA 94931 (707) 792-8100 PHONE (707) 792-8110 FAX	
ITEM	QUANTITY	UNIT	DESCRIPTION	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
SCHEDULE A (I-880 OFF RAMP AT WHIPPLE ROAD)											
1	1	LS	MOBILIZATION	14,000.00	14,000.00	6,500.00	6,500.00	5,000.00	5,000.00	16,000.00	16,000.00
2	1	LS	TRAFFIC CONTROL	12,000.00	12,000.00	5,000.00	5,000.00	5,000.00	5,000.00	5,000.00	5,000.00
3	51	M	REMOVE CONCRETE CURB AND GUTTER	35.00	1,785.00	21.85	1,114.35	20.00	1,020.00	20.00	1,020.00
4	23	M2	REMOVE CONCRETE SIDEWALK	200.00	4,600.00	43.70	1,005.10	35.00	805.00	35.00	805.00
5	16	M2	REMOVE AC PAVEMENT	300.00	4,800.00	48.30	772.80	40.00	640.00	40.00	640.00
6	11	M	REMOVE CHAIN LINK FENCE	50.00	550.00	39.10	430.10	35.00	385.00	35.00	385.00
7	1	LS	ABANDON 450MM RCP	1,000.00	1,000.00	1,322.50	1,322.50	1,200.00	1,200.00	1,200.00	1,200.00
8(F)	110	M3	ROADWAY EXCAVATION	50.00	5,500.00	88.55	9,740.50	75.00	8,250.00	75.00	8,250.00
9(F)	65	M3	EMBANKMENT	70.00	4,550.00	54.05	3,513.25	50.00	3,250.00	50.00	3,250.00
10	7	M3	CONCRETE CURB AND GUTTER	500.00	3,500.00	667.00	4,669.00	400.00	2,800.00	400.00	2,800.00
11	5	M3	CONCRETE SIDEWALK	600.00	3,000.00	552.00	2,760.00	650.00	3,250.00	650.00	3,250.00
12	2	M	PCC VERTICAL CURB	250.00	500.00	69.00	138.00	100.00	200.00	100.00	200.00
13	1	M3	CONCRETE WHEELCHAIR RAMP	1,000.00	1,000.00	1,610.00	1,610.00	1,500.00	1,500.00	1,500.00	1,500.00
14	1	M3	PCC APRON	2,000.00	2,000.00	977.50	977.50	1,400.00	1,400.00	1,400.00	1,400.00
15	50	TN	ASPHALT CONCRETE (TYPE A)	75.00	3,750.00	212.70	10,635.00 *	300.00	15,000.00	300.00	15,000.00
16	45	M3	AGGREGATE SUBBASE CLASS 4	100.00	4,500.00	86.25	3,881.25	75.00	3,375.00	75.00	3,375.00
17	10	M3	ASPHALT TREATED PERMEABLE BASE (ATPB)	100.00	1,000.00	552.00	5,520.00	750.00	7,500.00	750.00	7,500.00
18	20	M3	CEMENT TREATED BASE CLASS A	150.00	3,000.00	414.00	8,280.00	150.00	3,000.00	150.00	3,000.00
19	6	M	450MM (18") RCP CLASS IV	500.00	3,000.00	575.00	3,450.00	500.00	3,000.00	500.00	3,000.00
20	22	M	1.8 M (6 FT) CHAIN LINK FENCE	200.00	4,400.00	25.30	556.60	82.00	1,804.00	82.00	1,804.00
21	13	M2	CONCRETE RETAINING WALL	2,000.00	26,000.00	747.50	9,717.50	650.00	8,450.00	650.00	8,450.00
22	1	LS	TRAFFIC SIGNAL INSTALLATION (WHIPPLE/INTERSTATE 880)	85,000.00	85,000.00	62,550.00	62,550.00	64,775.00	64,775.00	60,000.00	60,000.00
23	1	PB	ADMINISTRATIVE CHANGE ORDERS	30,000.00	30,000.00	30,000.00	30,000.00	30,000.00	30,000.00	30,000.00	30,000.00
SCHEDULE A TOTAL				219,435.00		174,143.45 *		171,604.00		177,829.00	

CITY OF HAYWARD
INDUSTRIAL PARKWAY-WHIPPLE ROAD CORRIDOR PROJECT
PROJECT NO. 5192
BIDS OPENED: JANUARY 15, 2002

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(NUMBER OF BIDS RECEIVED - 5)

BID SUMMARY				ENGINEER'S ESTIMATE		ST. FRANCIS ELECTRIC 23294 CONNECTICUT ST HAYWARD CA 94545 (510) 887-2888 PHONE (510) 887-4109 FAX		RICHARD A. HEAPS ELECT. 8909 FLORIN ROAD SACRAMENTO CA 95829 (916) 386-8857 PHONE (916) 386-1354 FAX		MIKE BROWN ELECTRIC CO. 561-A MERCANTILE DRIVE COTATI CA 94931 (707) 792-8100 PHONE (707) 792-8110 FAX	
ITEM	QUANTITY	UNIT	DESCRIPTION	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
SCHEDULE B (WHIPPLE ROAD/HUNTWOOD AVENUE)											
24	1	LS	MOBILIZATION	5,000.00	5,000.00	7,000.00	7,000.00	2,500.00	2,500.00	11,000.00	11,000.00
25	1	LS	TRAFFIC CONTROL	4,000.00	4,000.00	5,000.00	5,000.00	5,000.00	5,000.00	5,000.00	5,000.00
26	145	LF	REMOVE CONCRETE CURB AND GUTTER	12.00	1,740.00	6.90	1,000.50	6.00	870.00	6.00	870.00
27	1,050	SF	REMOVE CONCRETE SIDEWALK	5.00	5,250.00	4.03	4,231.50 *	3.50	3,675.00	3.50	3,675.00
28	155	SF	REMOVE AC PAVEMENT	25.00	3,875.00	4.31	668.05 *	3.75	581.25	3.75	581.25
29(F)	190	CY	ROADWAY EXCAVATION	25.00	4,750.00	97.75	18,572.50	85.00	16,150.00	85.00	16,150.00
30(F)	70	CY	EMBANKMENT	30.00	2,100.00	46.00	3,220.00	40.00	2,800.00	40.00	2,800.00
31	140	LF	CONCRETE CURB & GUTTER	20.00	2,800.00	46.00	6,440.00	20.00	2,800.00	20.00	2,800.00
32	1,060	SF	CONCRETE SIDEWALK WITH RETAINING CURB	12.00	12,720.00	11.50	12,190.00	7.00	7,420.00	7.00	7,420.00
33	90	SF	CONCRETE WHEELCHAIR RAMP	12.00	1,080.00	20.70	1,863.00	10.00	900.00	10.00	900.00
34	20	TN	ASPHALT CONCRETE (TYPE A)	100.00	2,000.00	253.00	5,060.00	275.00	5,500.00	275.00	5,500.00
35	35	CY	AGGREGATE SUBBASE CLASS 4	50.00	1,750.00	69.00	2,415.00	60.00	2,100.00	60.00	2,100.00
36	21	CY	AGGREGATE BASE (CLASS 2)	50.00	1,050.00	69.00	1,449.00	60.00	1,260.00	60.00	1,260.00
37	6	LF	18" RCP CLASS IV	500.00	3,000.00	345.00	2,070.00	300.00	1,800.00	300.00	1,800.00
38	1	EA	TYPE A STORM WATER INLET	3,000.00	3,000.00	6,900.00	6,900.00	6,000.00	6,000.00	6,000.00	6,000.00
39	1	EA	CAP EXISTING INLET	1,000.00	1,000.00	575.00	575.00	500.00	500.00	500.00	500.00
40	1	EA	ADJUST EX. VALVE TO GRADE	500.00	500.00	287.50	287.50	250.00	250.00	250.00	250.00
41	1	EA	TRAFFIC SIGNAL MODIFICATION (WHIPPLE/HUNTWOOD)	50,000.00	50,000.00	43,950.00	43,950.00	49,653.00	49,653.00	45,000.00	45,000.00
42	1	PB	ADMINISTRATIVE CHANGE ORDERS	10,000.00	10,000.00	10,000.00	10,000.00	10,000.00	10,000.00	10,000.00	10,000.00
SCHEDULE B TOTAL					115,615.00		132,892.05 *		119,759.25		123,606.25

CITY OF HAYWARD
INDUSTRIAL PARKWAY-WHIPPLE ROAD CORRIDOR PROJECT
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ITEM	QUANTITY	UNIT	DESCRIPTION	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
SCHEDULE C (ALL OTHER WORK)											
43	1	LS	MOBILIZATION	36,000.00	36,000.00	7,000.00	7,000.00	10,000.00	10,000.00	45,500.00	45,500.00
44	1	LS	TRAFFIC CONTROL	29,000.00	29,000.00	5,000.00	5,000.00	13,000.00	13,000.00	5,000.00	5,000.00
45	1	LS	TRAFFIC SIGNAL INSTALLATION (WHIPPLE/WIEGMAN)	180,000.00	180,000.00	138,350.00	138,350.00	122,000.00	122,000.00	118,000.00	118,000.00
46	1	LS	TRAFFIC SIGNAL INSTALLATION (WHIPPLE/AMARAL)	160,000.00	160,000.00	119,150.00	119,150.00	107,000.00	107,000.00	100,000.00	100,000.00
47	1	LS	TRAFFIC SIGNAL MODIFICATION (WHIPPLE/MEDALLION)	4,700.00	4,700.00	6,700.00	6,700.00	6,860.00	6,860.00	6,750.00	6,750.00
48	1	LS	TRAFFIC SIGNAL MODIFICATION (WHIPPLE/CENTRAL)	3,000.00	3,000.00	6,700.00	6,700.00	4,470.00	4,470.00	6,250.00	6,250.00
49	1	LS	TRAFFIC SIGNAL MODIFICATION (INDUSTRIAL/STRATFORD)	3,100.00	3,100.00	6,700.00	6,700.00	4,470.00	4,470.00	6,250.00	6,250.00
50	1	LS	TRAFFIC SIGNAL MODIFICATION (INDUSTRIAL/RUUS)	2,600.00	2,600.00	6,700.00	6,700.00	4,470.00	4,470.00	6,250.00	6,250.00
51	1	LS	TRAFFIC SIGNAL MODIFICATION (INDUSTRIAL/HUNTWOOD)	1,500.00	1,500.00	6,700.00	6,700.00	4,470.00	4,470.00	6,250.00	6,250.00
52	1	LS	TRAFFIC SIGNAL MODIFICATION (HUNTWOOD/SANDOVAL)	4,500.00	4,500.00	6,700.00	6,700.00	4,470.00	4,470.00	6,250.00	6,250.00
53	1	LS	TRAFFIC SIGNAL INTERCONNECT (WHIPPLE RD FROM I-880 TO CENTRAL)	275,000.00	275,000.00	140,200.00	140,200.00	177,128.00	177,128.00	180,000.00	180,000.00
54	1	LS	TRAFFIC SIGNAL INTERCONNECT (INDUSTRIAL PKWY FROM STRATFORD TO HUNTWOOD AT SANDOVAL)	150,000.00	150,000.00	67,750.00	67,750.00	79,659.00	79,659.00	90,000.00	90,000.00
55	1	PB	ADMINISTRATIVE CHANGE ORDERS	75,000.00	75,000.00	75,000.00	75,000.00	75,000.00	75,000.00	75,000.00	75,000.00
			SCHEDULE C TOTAL		924,400.00		592,650.00		612,997.00		651,500.00
			GRAND TOTAL: SCHEDULES A, B & C		1,259,450.00		899,685.50 *		904,360.25		952,935.25

CITY OF HAYWARD
INDUSTRIAL PARKWAY-WHIPPLE ROAD CORRIDOR PROJECT
PROJECT NO. 5192
BIDS OPENED: JANUARY 15, 2002

(NUMBER OF BIDS RECEIVED - 5)

BID SUMMARY				ENGINEER'S ESTIMATE		STEINY & COMPANY, INC. 27 SHERIDAN STREET VALLEJO CA 94590 (707) 552-6900 (707) 554-6347		TENNYSON ELECTRIC, INC. 7275 NATIONAL DRIVE, STE. A LIVERMORE CA 94550 (925) 606-1038 (925) 606-7656	
						PHONE FAX		PHONE FAX	
ITEM	QUANTITY	UNIT	DESCRIPTION	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
SCHEDULE A (I-880 OFF RAMP AT WHIPPLE ROAD)									
1	1	LS	MOBILIZATION	14,000.00	14,000.00	12,000.00	12,000.00	18,000.00	18,000.00
2	1	LS	TRAFFIC CONTROL	12,000.00	12,000.00	10,500.00	10,500.00	14,000.00	14,000.00
3	51	M	REMOVE CONCRETE CURB AND GUTTER	35.00	1,785.00	20.00	1,020.00	70.00	3,570.00
4	23	M2	REMOVE CONCRETE SIDEWALK	200.00	4,600.00	35.00	805.00	50.00	1,150.00
5	16	M2	REMOVE AC PAVEMENT	300.00	4,800.00	40.00	640.00	40.00	640.00
6	11	M	REMOVE CHAIN LINK FENCE	50.00	550.00	35.00	385.00	100.00	1,100.00
7	1	LS	ABANDON 450MM RCP	1,000.00	1,000.00	1,200.00	1,200.00	1,500.00	1,500.00
8(F)	110	M3	ROADWAY EXCAVATION	50.00	5,500.00	75.00	8,250.00	80.00	8,800.00
9(F)	65	M3	EMBANKMENT	70.00	4,550.00	50.00	3,250.00	50.00	3,250.00
10	7	M3	CONCRETE CURB AND GUTTER	500.00	3,500.00	400.00	2,800.00	450.00	3,150.00
11	5	M3	CONCRETE SIDEWALK	600.00	3,000.00	650.00	3,250.00	700.00	3,500.00
12	2	M	PCC VERTICAL CURB	250.00	500.00	100.00	200.00	150.00	300.00
13	1	M3	CONCRETE WHEELCHAIR RAMP	1,000.00	1,000.00	1,500.00	1,500.00	2,000.00	2,000.00
14	1	M3	PCC APRON	2,000.00	2,000.00	1,400.00	1,400.00	1,500.00	1,500.00
15	50	TN	ASPHALT CONCRETE (TYPE A)	75.00	3,750.00	300.00	15,000.00	350.00	17,500.00
16	45	M3	AGGREGATE SUBBASE CLASS 4	100.00	4,500.00	75.00	3,375.00	80.00	3,600.00
17	10	M3	ASPHALT TREATED PERMEABLE BASE (ATPB)	100.00	1,000.00	750.00	7,500.00	800.00	8,000.00
18	20	M3	CEMENT TREATED BASE CLASS A	150.00	3,000.00	150.00	3,000.00	150.00	3,000.00
19	6	M	450MM (18") RCP CLASS IV	500.00	3,000.00	500.00	3,000.00	500.00	3,000.00
20	22	M	1.8 M (6 FT) CHAIN LINK FENCE	200.00	4,400.00	82.00	1,804.00	60.00	1,320.00
21	13	M2	CONCRETE RETAINING WALL	2,000.00	26,000.00	650.00	8,450.00	800.00	10,400.00
22	1	LS	TRAFFIC SIGNAL INSTALLATION (WHIPPLE/INTERSTATE 880)	85,000.00	85,000.00	72,000.00	72,000.00	97,400.00	97,400.00
23	1	PB	ADMINISTRATIVE CHANGE ORDERS	30,000.00	30,000.00	30,000.00	30,000.00	30,000.00	30,000.00
SCHEDULE A TOTAL				219,435.00		191,329.00		236,680.00	

CITY OF HAYWARD
INDUSTRIAL PARKWAY-WHIPPLE ROAD CORRIDOR PROJECT
PROJECT NO. 5192
BIDS OPENED: JANUARY 15, 2002

(NUMBER OF BIDS RECEIVED - 5)

BID SUMMARY				ENGINEER'S ESTIMATE		STEINY & COMPANY, INC. 27 SHERIDAN STREET VALLEJO CA 94590 (707) 552-6900 PHONE (707) 554-6347 FAX		TENNYSON ELECTRIC, INC. 7275 NATIONAL DRIVE, STE. A LIVERMORE CA 94550 (925) 606-1038 PHONE (925) 606-7656 FAX	
ITEM	QUANTITY	UNIT	DESCRIPTION	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
SCHEDULE B (WHIPPLE ROAD/HUNTWOOD AVENUE)									
24	1	LS	MOBILIZATION	5,000.00	5,000.00	10,000.00	10,000.00	8,000.00	8,000.00
25	1	LS	TRAFFIC CONTROL	4,000.00	4,000.00	6,000.00	6,000.00	9,500.00	9,500.00
26	145	LF	REMOVE CONCRETE CURB AND GUTTER	12.00	1,740.00	6.00	870.00	8.00	1,160.00
27	1,050	SF	REMOVE CONCRETE SIDEWALK	5.00	5,250.00	3.50	3,675.00	4.00	4,200.00
28	155	SF	REMOVE AC PAVEMENT	25.00	3,875.00	3.75	581.25	4.00	620.00
29(F)	190	CY	ROADWAY EXCAVATION	25.00	4,750.00	85.00	16,150.00	100.00	19,000.00 *
30(F)	70	CY	EMBANKMENT	30.00	2,100.00	40.00	2,800.00	50.00	3,500.00
31	140	LF	CONCRETE CURB & GUTTER	20.00	2,800.00	20.00	2,800.00	24.00	3,360.00
32	1,060	SF	CONCRETE SIDEWALK WITH RETAINING CURB	12.00	12,720.00	7.00	7,420.00	8.00	8,480.00
33	90	SF	CONCRETE WHEELCHAIR RAMP	12.00	1,080.00	10.00	900.00	12.00	1,080.00
34	20	TN	ASPHALT CONCRETE (TYPE A)	100.00	2,000.00	275.00	5,500.00	300.00	6,000.00
35	35	CY	AGGREGATE SUBBASE CLASS 4	50.00	1,750.00	60.00	2,100.00	70.00	2,450.00
36	21	CY	AGGREGATE BASE (CLASS 2)	50.00	1,050.00	60.00	1,260.00	70.00	1,470.00
37	6	LF	18" RCP CLASS IV	500.00	3,000.00	300.00	1,800.00	350.00	2,100.00
38	1	EA	TYPE A STORM WATER INLET	3,000.00	3,000.00	6,000.00	6,000.00	7,000.00	7,000.00
39	1	EA	CAP EXISTING INLET	1,000.00	1,000.00	500.00	500.00	600.00	600.00
40	1	EA	ADJUST EX. VALVE TO GRADE	500.00	500.00	250.00	250.00	300.00	300.00
41	1	EA	TRAFFIC SIGNAL MODIFICATION (WHIPPLE/HUNTWOOD)	50,000.00	50,000.00	49,000.00	49,000.00	74,900.00	74,900.00
42	1	PB	ADMINISTRATIVE CHANGE ORDERS	10,000.00	10,000.00	10,000.00	10,000.00	10,000.00	10,000.00
SCHEDULE B TOTAL				115,615.00		127,606.25		163,720.00	

CITY OF HAYWARD
INDUSTRIAL PARKWAY-WHIPPLE ROAD CORRIDOR PROJECT
PROJECT NO. 5192
BIDS OPENED: JANUARY 15, 2002

(NUMBER OF BIDS RECEIVED - 5)

Page 6 of 6

BID SUMMARY				ENGINEER'S ESTIMATE		STEINY & COMPANY, INC. 27 SHERIDAN STREET VALLEJO CA 94590 (707) 552-6900 PHONE (707) 554-6347 FAX		TENNYSON ELECTRIC, INC. 7275 NATIONAL DRIVE, STE. A LIVERMORE CA 94550 (925) 606-1038 PHONE (925) 606-7656 FAX	
ITEM	QUANTITY	UNIT	DESCRIPTION	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
SCHEDULE C (ALL OTHER WORK)									
43	1	LS	MOBILIZATION	36,000.00	36,000.00	10,000.00	10,000.00	18,000.00	18,000.00
44	1	LS	TRAFFIC CONTROL	29,000.00	29,000.00	2,000.00	2,000.00	24,000.00	24,000.00
45	1	LS	TRAFFIC SIGNAL INSTALLATION (WHIPPLE/WIEGMAN)	180,000.00	180,000.00	144,000.00	144,000.00	147,400.00	147,400.00
46	1	LS	TRAFFIC SIGNAL INSTALLATION (WHIPPLE/AMARAL)	160,000.00	160,000.00	122,000.00	122,000.00	146,500.00	146,500.00
47	1	LS	TRAFFIC SIGNAL MODIFICATION (WHIPPLE/MEDALLION)	4,700.00	4,700.00	5,500.00	5,500.00	9,800.00	9,800.00
48	1	LS	TRAFFIC SIGNAL MODIFICATION (WHIPPLE/CENTRAL)	3,000.00	3,000.00	5,500.00	5,500.00	9,800.00	9,800.00
49	1	LS	TRAFFIC SIGNAL MODIFICATION (INDUSTRIAL/STRATFORD)	3,100.00	3,100.00	5,500.00	5,500.00	9,800.00	9,800.00
50	1	LS	TRAFFIC SIGNAL MODIFICATION (INDUSTRIAL/RUUS)	2,600.00	2,600.00	5,500.00	5,500.00	9,800.00	9,800.00
51	1	LS	TRAFFIC SIGNAL MODIFICATION (INDUSTRIAL/HUNTWOOD)	1,500.00	1,500.00	5,500.00	5,500.00	9,800.00	9,800.00
52	1	LS	TRAFFIC SIGNAL MODIFICATION (HUNTWOOD/SANDOVAL)	4,500.00	4,500.00	5,500.00	5,500.00	9,800.00	9,800.00
53	1	LS	TRAFFIC SIGNAL INTERCONNECT (WHIPPLE RD FROM I-880 TO CENTRAL)	275,000.00	275,000.00	314,300.00	314,300.00	327,500.00	327,500.00
54	1	LS	TRAFFIC SIGNAL INTERCONNECT (INDUSTRIAL PKWY FROM STRATFORD TO HUNTWOOD AT SANDOVAL)	150,000.00	150,000.00	155,400.00	155,400.00	155,900.00	155,900.00
55	1	PB	ADMINISTRATIVE CHANGE ORDERS	75,000.00	75,000.00	75,000.00	75,000.00	75,000.00	75,000.00
SCHEDULE C TOTAL					924,400.00		855,700.00		953,100.00
GRAND TOTAL: SCHEDULES A, B & C					1,259,450.00		1,174,635.25		1,353,500.00 *

DRAFT

HAYWARD CITY COUNCIL

RESOLUTION NO. 02-

Introduced by Council Member _____



**RESOLUTION APPROVING ADDENDUM NO. 1 FOR THE
INDUSTRIAL PARKWAY/WHIPPLE ROAD CORRIDOR
PROJECT, PROJECT NO. 5192, AND AWARDING
CONTRACT TO ST. FRANCIS ELECTRIC**

WHEREAS, by resolution on November 13, 2001, the City Council approved the plans and specifications for the Industrial Parkway/Whipple Road Corridor Project, Project No. 5192, which installs new traffic signals along Whipple Road at the intersections of Wiegman Road and Amaral Street; interconnects these new signals with existing signals located along Whipple Road between Interstate 880 and Central Avenue; interconnects the existing signals on Industrial Parkway West between Stratford Street and Huntwood Avenue; and improves turning radii for trucks at the Whipple Road/I-880 northbound off-ramp and at the northeast corner of Huntwood Avenue/Whipple Road; and

WHEREAS, St. Francis Electric of Hayward, California submitted the low bid in the amount of \$899,685.50, which is 28 percent below the engineer's estimate of \$1,260,000; and

WHEREAS, Addendum No. 1 was issued to provide the revised Federal Wage Rates.

NOW THEREFORE BE IT RESOLVED by the City Council of the City of Hayward that Addendum No. 1 is hereby approved and adopted as part of the plans and specifications for the project.

BE IT FURTHER RESOLVED that St. Francis Electric of Hayward, California is hereby awarded the contract for the Industrial Parkway/Whipple Road Corridor Project, Project No. 5192, in accordance with the plans and specifications adopted therefor, and is on file in the office of the City Clerk of the City of Hayward at and for the price named and stated in the bid of the hereinabove specified bidder.

BE IT FURTHER RESOLVED that the City Manager is hereby authorized and directed to negotiate and execute an agreement in an amount not to exceed \$899,685.50 for the award of the contract on behalf of the City of Hayward, in a form to be approved by the City Attorney.

IN COUNCIL, HAYWARD, CALIFORNIA _____, 2002

ADOPTED BY THE FOLLOWING VOTE:

AYES: COUNCIL MEMBERS:

NOES: COUNCIL MEMBERS:

ABSTAIN: COUNCIL MEMBERS:

ABSENT: COUNCIL MEMBERS:

ATTEST: _____
City Clerk of the City of Hayward

APPROVED AS TO FORM:

City Attorney of the City of Hayward